

FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
60798SERIAL NO.  
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Thomas M. COWAN et al.FILING DATE  
March 21, 1997GROUP  
2602

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROP.
UL	AA 5 3 8 9 9 6 4	2/14/95	Oberle et al.	348	9	
	AB 5 2 3 1 4 9 4	07/27/93	Wachob	358	146	
	AC 5 1 5 5 5 9 1	10/12/92	Wachob	358	86	
	AD R E 3 3 8 0 8	1/28/92	Wright, Jr.	358	86	
	AE 5 0 5 5 9 2 4	10/8/91	Skutta	358	84	
	AF 4 9 7 4 0 8 5	11/27/90	Campbell et al.	358	181	
	AG 4 9 7 2 5 0 4	11/20/90	Daniel, Jr. et al.	455	2	
	AH 4 9 2 9 9 0 5	5/29/90	Ruitenburt	329	358	
	AI 4 8 8 5 6 3 2	12/5/89	Mabey et al.	358	84	
	AJ 4 8 7 8 2 4 5	10/31/89	Bradley et al.	380	10	
	AK 4 8 7 6 7 3 6	10/24/89	Kiewit	455	2	
✓	AL 4 8 4 7 6 8 5	7/11/89	Gall et al.	358	84	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
UL	AM	GB 2 052 196A	1/21/81	United Kingdom	H03D	1/22		
	AN							
	AO							
	AP							
	AQ							

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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9u	AA 4 7 8 9 8 9 7	12/6/88	Kappeler et al.	358	188	
	AB 4 7 8 3 8 4 3	11/8/88	Leff et al.	455	12	
	AC 4 7 3 6 3 9 0	4/5/88	Ward et al.	375	75	
	AD 4 7 3 3 3 0 1	3/22/88	Wright, Jr.	358	181	
	AE 4 7 2 3 3 0 2	2/2/88	Fulmer et al.	455	2	
	AF 4 6 3 3 3 1 5	12/30/86	Kasperkovitz	358	188	
	AG 4 6 3 0 1 0 8	12/16/86	Gomersall	358	84	
	AH 4 6 2 2 5 8 3	11/11/86	Watanabe et al.	358	84	
	AI 4 5 7 7 2 2 0	3/18/86	Laxton et al.	358	84	
	AJ 4 4 2 5 5 7 8	1/10/84	Haselwood et al.	358	84	
	AK 4 3 3 1 9 7 4	5/25/82	Cogswell et al.	358	86	
✓	AL 4 3 3 1 9 7 3	5/25/82	Eskin et al.	358	84	

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W	AA	4 3 2 9 6 7 5	5/11/82	Van Hulle	358	86	
	AB	4 2 7 2 7 2 9	6/9/81	Riley, Jr.	331	1	
	AC	4 2 1 6 4 9 7	8/5/80	Ishman et al.	358	84	
	AD	4 0 5 8 8 2 9	11/15/77	Thompson	358	84	
	AE	4 0 4 4 3 7 6	8/23/77	Porter	358	84	
	AF	4 0 3 5 8 3 8	7/12/77	Bassani	358	86	
	AG	4 0 2 0 4 1 9	4/26/77	Caspari et al.	325	421	
	AH	3 9 9 7 7 1 8	12/14/76	Ricketts et al.	178	6.8	
	AI	3 9 7 5 5 8 3	8/17/76	Meadows	178	5.6	
	AJ	3 9 3 5 5 3 4	1/27/76	Lewis et al.	325	308	
	AK	3 9 3 4 0 7 9	1/20/76	Barnhart	178	5.1	
✓	AL	3 8 9 9 6 3 3	8/12/75	Sorenson et al.	178	5.1	

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W	AA 3 8 6 4 6 3 6	2/4/75	Fukuda et al.	325	421	
	AB 3 7 8 9 1 3 1	1/29/74	Harney et al.	178	5.1	
	AC 3 7 1 4 5 7 5	1/20/73	Rogalski	325	53	
	AD 3 6 3 9 6 8 6	2/1/72	Walker et al.	178	5.8R	
	AE 3 3 6 6 7 3 1	1/20/68	Wallerstein	178	6	
✓	AF 3 3 1 2 9 0 0	4/4/67	Jaffe	325	31	
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					

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